

EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT

```
BBBBBBBBB      AAAAAA      DDDDDDDD      KK      KK      EEEEEEEEE      YY      YY
BBBBBBBBB      AAAAAA      DDDDDDDD      KK      KK      EEEEEEEEE      YY      YY
BB      BB      AA      AA      DD      DD      KK      KK      EE      YY      YY
BB      BB      AA      AA      DD      DD      KK      KK      EE      YY      YY
BB      BB      AA      AA      DD      DD      KK      KK      EE      YY      YY
BBBBBBBBB      AA      AA      DD      DD      KKKKKK      EEEEEEE      YY      YY
BBBBBBBBB      AA      AA      DD      DD      KKKKKK      EEEEEEE      YY      YY
BB      BB      AAAAAAAAAA      DD      DD      KK      KK      EE      YY      YY
BB      BB      AAAAAAAAAA      DD      DD      KK      KK      EE      YY      YY
BB      BB      AA      AA      DD      DD      KK      KK      EE      YY      YY
BB      BB      AA      AA      DD      DD      KK      KK      EE      YY      YY
BBBBBBBBB      AA      AA      DDDDDDDD      KK      KK      EEEEEEEEE      YY
BBBBBBBBB      AA      AA      DDDDDDDD      KK      KK      EEEEEEEEE      YY
```

```
LL      IIIIII      SSSSSSSS
LL      IIIIII      SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLL      IIIIII      SSSSSSSS
```

```
0001 0 %TITLE 'EDTSBADKEY - test for bad key'
0002 0 MODULE EDTSBADKEY (
0003 0 IDENT = 'V04-000'
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1 ++
0031 1 FACILITY: EDT -- The DEC Standard Editor
0032 1
0033 1 ABSTRACT:
0034 1
0035 1 Test for a bad key.
0036 1
0037 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0038 1
0039 1 AUTHOR: Bob Kushlis, CREATION DATE: 6-AUG-1979
0040 1
0041 1 MODIFIED BY:
0042 1
0043 1 1-001 - Original. DJS 18-FEB-1981. This module was created by
0044 1 extracting routine EDT$TST_BADK from module EDTCTR.
0045 1 1-002 - Regularize headers and fix file name. JBS 04-Mar-1981
0046 1 1-003 - Change range check, for new implementation of defined keys.
0047 1 JBS 12-Aug-1982
0048 1 1-004 - Don't allow GOLD digit. JBS 16-Aug-1982
0049 1 1-005 - Add conditional for VT220 support. JBS 11-Feb-1983
0050 1
0051 1 --
0052 1
```


EDTSBADKEY
V04-000

EDTSBADKEY - test for bad key
Declarations

F 7
15-Sep-1984 23:42:30
14-Sep-1984 12:22:17

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]BADKEY.BLI;1 Page 2
(2)

```

54 0053 1 %SBTTL 'Declarations'
55 0054 1
56 0055 1 : TABLE OF CONTENTS:
57 0056 1 :
58 0057 1
59 0058 1 REQUIRE 'EDTSRC:TRAROUNAM';
60 0497 1
61 0498 1 FORWARD ROUTINE
62 0499 1     EDT$TST_BADK;
63 0500 1
64 0501 1 :
65 0502 1 : INCLUDE FILES:
66 0503 1 :
67 0504 1
68 0505 1 REQUIRE 'EDTSRC:EDTREQ';
69 0640 1
70 0641 1 LIBRARY 'EDTSRC:KEYPADDEF';
71 0642 1
72 0643 1 LIBRARY 'EDTSRC:SUPPORTS';
73 0644 1
74 0645 1 :
75 0646 1 : MACROS:
76 0647 1 :
77 0648 1 :     NONE
78 0649 1 :
79 0650 1 : EQUATED SYMBOLS:
80 0651 1 :
81 0652 1 :     NONE
82 0653 1 :
83 0654 1 : OWN STORAGE:
84 0655 1 :
85 0656 1 :     NONE
86 0657 1 :
87 0658 1 : EXTERNAL REFERENCES:
88 0659 1 :
89 0660 1 :     In the routine
```

```

91 0661 1 %SBTTL 'EDT$STST_BADK - test for bad key'
92 0662 1
93 0663 1 GLOBAL ROUTINE EDT$STST_BADK (
94 0664 1     KEY
95 0665 1     ) =
96 0666 1
97 0667 1 ++
98 0668 1 FUNCTIONAL DESCRIPTION:
99 0669 1
100 0670 1     Test for a bad key.
101 0671 1
102 0672 1 FORMAL PARAMETERS:
103 0673 1
104 0674 1     KEY             The key to test
105 0675 1
106 0676 1 IMPLICIT INPUTS:
107 0677 1
108 0678 1     NONE
109 0679 1
110 0680 1 IMPLICIT OUTPUTS:
111 0681 1
112 0682 1     NONE
113 0683 1
114 0684 1 ROUTINE VALUE
115 0685 1
116 0686 1     1 = key is bad, 0 = key is good
117 0687 1
118 0688 1 SIDE EFFECTS:
119 0689 1
120 0690 1     NONE
121 0691 1
122 0692 1 --
123 0693 1
124 0694 2 BEGIN
125 0695 2
126 L 0696 2 %IF SUPPORT_VT220
127 0697 2 %THEN
128 0698 2
129 0699 2     EXTERNAL
130 0700 2         EDT$SB_CHAR_INFO : BLOCKVECTOR [256, 1, BYTE]; ! Information about characters
131 0701 2
132 0702 2 %FI
133 0703 2
134 0704 2     ASSERT (.KEY LEQ K_KEY_MAX);
135 0705 2
136 0706 2     IF ((.KEY LSS K_KPAD_BASE) AND (.KEY NEQ ASC_K_DEL) AND (.KEY GEQ ASC_K_SP)) THEN RETURN (1);
137 0707 2
138 0708 2     IF ((.KEY GEQ K_GOLD_BASE) AND (.KEY LSS K_GOLD_BASE + 256))
139 0709 2     THEN
140 0710 2         BEGIN
141 0711 2
142 L 0712 2 %IF SUPPORT_VT220
143 0713 2 %THEN
144 0714 2
145 0715 2         IF (.EDT$SB_CHAR_INFO [.KEY - K_GOLD_BASE, 0, 0, 8, 0] EQL %X'FO') THEN RETURN (1);
146 0716 2
147 U 0717 3 %ELSE
```

EDTSBADKEY
V04-000

EDTSBADKEY - test for bad key
EDT\$\$TST_BADK - test for bad key

H 7
15-Sep-1984 23:42:30
14-Sep-1984 12:22:17

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]BADKEY.BLI;1 Page 4
(3)

```

: 148
: 149
: 150
: 151
: 152
: 153
: 154
: 155
: 156

U 0718 3
U 0719 3
U 0720 3
  0721 3
  0722 3
  0723 3
  0724 3
  0725 3
  0726 1

      IF ((.KEY GEQ %C'0') AND (.KEY LEQ %C'9')) THEN RETURN (1);

      END;

      RETURN (0);
      END;
```

! of routine EDT\$\$TST_BADK

.TITLE EDT\$BADKEY EDT\$BADKEY - test for bad key
.IDENT \V04-000\

.EXTRN EDT\$\$B_CHAR_INFO
.EXTRN EDT\$\$INTER_ERR

.PSECT _EDT\$CODE,NOWRT, SHR, PIC,2

.ENTRY EDT\$\$TST_BADK, Save R2

```

MOVL    KEY, R2
CMPL    R2, #999
BLEQ    1$
CALLS   #0, EDT$$INTER_ERR
CMPL    R2, #300
BGEQ    2$
CMPL    R2, #127
BEQL    2$
CMPL    R2, #32
BGEQ    3$
CMPL    R2, #500
BLSS    4$
CMPL    R2, #756
BGEQ    4$
CMPB    EDT$$B_CHAR_INFO-500[R2], #240
BNEQ    4$
MOVL    #1, R0
RET
CLRL    R0
RET
```

```

000003E7 52 04 AC D0 00002
8F 52 D1 00006
07 15 0000D
00000000G 00 00 FB 0000F
0000012C 8F 52 D1 00016 1$:
0000007F 8F 0E 18 0001D
20 52 D1 0001F
05 13 00026
000001F4 8F 52 D1 00028
1D 18 0002B
000002F4 8F 52 D1 0002D 2$:
18 19 00034
0F 18 0003D
F0 8F 00000000G0042 91 0003F
04 12 00048
50 01 D0 0004A 3$:
04 0004D
50 D4 0004E 4$:
04 00050
```

; Routine Size: 81 bytes, Routine Base: _EDT\$CODE + 0000

```

: 157 0727 1
: 158 0728 1 !<BLF/PAGE>
```


EDTSBADKEY
V04-000

EDTSBADKEY - test for bad key
EDT\$TST_BADK - test for bad key

1 7
15-Sep-1984 23:42:30
14-Sep-1984 12:22:17

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]BADKEY.BLI;1

Page 5
(4)

: 160 0729 1 END
: 161 0730 1
: 162 0731 0 ELUDOM

! of module EDT\$BADKEY

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	81	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
-\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	3	0	40	00:00.3
-\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1
-\$255\$DUA28:[EDT.SRC]KEYPADDEF.L32;1	34	3	8	7	00:00.1
-\$255\$DUA28:[EDT.SRC]SUPPORTS.L32;1	2	1	50	5	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:BADKEY/OBJ=OBJ\$:BADKEY MSRC\$:BADKEY.BLI/UPDATE=(ENH\$:BADKEY)

: Size: 81 code + 0 data bytes
: Run Time: 00:10.7
: Elapsed Time: 00:15.2
: Lines/CPU Min: 4110
: Lexemes/CPU-Min: 11842
: Memory Used: 64 pages
: Compilation Complete

0130 AH-BT13A-SE
VAX/VMS V4.0

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